Company Name Application # Permit

Written Findings

The abbreviation 1 for the appropriate reviewer is noted in the 1^{st} column. (Note that regulation references are preceded with "4 VAC 25-130-").

| RI | 740.13(d)(3) | DATE: | BY: | Yes: | No: | N/A: | | | |
|--|--|-----------------------|---------------|------------|-----------|-------------|--|--|--|
| REQU | IREMENT : For an ap | oplication to a revis | sion to a Fed | leral land | s permit | , has there | | | |
| | been consultation with the Federal Land Management Agency to determine whether the | | | | | | | | |
| permit revision will adversely affect resources other than coal and whether the revision | | | | | | | | | |
| is consi | stent with that agency | 's land use plans fo | or other Fede | eral laws, | regulati | ons and | | | |
| executiv | ve orders for which it | is responsible? | | | | | | | |
| SEE SE | ECTION: | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| ENG | 761.11(d)(2)(ii) | DATE: | BY: | Yes: | No: | N/A: | | | |
| | 761.12(d)(4) | | | | | | | | |
| | IREMENT: Will the | | | | | | | | |
| | ed when the mine acce | | | | | | | | |
| | will be within 100 fee | | ht-of-way li | ne of a pu | ıblic roa | d, or the | | | |
| public r | oad will be relocated | or closed? | | | | | | | |
| FINDI | NG: | | | | | | | | |
| | | | | | | | | | |
| | 1 | | | | ı | T | | | |
| RI | 773.15(b)(3) | DATE: | BY: | Yes: | No: | N/A: | | | |
| | IREMENT: Has the a | | | | | | | | |
| | ed surface coal minin | g operations with a | ı demonstrat | ed patter | n of will | ful | | | |
| violatio | ns of the Act? | | | | | | | | |
| | | | | | | | | | |
| SEE SE | ECTION: | | | | | | | | |
| | | | | | | | | | |
| RI | 773.15(c)(1) | DATE: | BY: | Yes: | No: | N/A: | | | |
| REQU | IREMENT : Is the app | plication complete | and accurate | e and has | the appl | icant | | | |
| complied with all the requirements of the Act and the regulations? | | | | | | | | | |
| | | | | | | | | | |
| FINDING: | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

DMLR-PT-237 Rev. 09/02

RI = Review Inspector; ENG = Engineer; ECO = Agronomist/Ecologist; WPS = Environmental Specialist (pollution control); SPA = Special Projects Administrator; GEO = Geologist

| RI | 773.15(c)(2) | DATE: | BY: | Yes: | No: | N/A: | | |
|--|----------------------------|---------------------|----------------|-------------|-----------|------------|--|--|
| REQU | IREMENT: Has the | applicant demonstr | rated that rec | lamation | , as requ | ired by | | |
| the Act | and the regulations, o | can be accomplishe | ed under the | reclamati | on plan | contained | | |
| in the permit application? | | | | | | | | |
| | | | | | | | | |
| FINDING: | | | | | | | | |
| | | | | | | | | |
| DI | 770 15()(0) | D A FFE | DV | *7 | | NT / A | | |
| RI | 773.15(c)(3) | DATE: | BY: | Yes: | No: | N/A: | | |
| _ | IREMENT : Is any pa | | • | | | • | | |
| | eedings, pursuant to a | | | | | | | |
| | designated as unsuita | | | s 762 and | l 764, or | subject to | | |
| the prol | nibitions or limitation | s of 761.11 or 761. | .12? | | | | | |
| | | | | | | | | |
| SEE SI | ECTION: | | | | | | | |
| | | | | | | | | |
| RI | 772 15(a)(4) | DATE: | BY: | Yes: | No | N/A: | | |
| | 773.15(c)(4) | | | | No: | | | |
| | IREMENT : For mini | | | | | | | |
| | nas been severed from | 1 | e property, n | as the ap | piicant s | ubmitted | | |
| the doc | umentation required u | inder //8.15(b)? | | | | | | |
| GEE GE | CONTON | | | | | | | |
| SEE SI | ECTION: | | | | | | | |
| | | | | | | | | |
| WPS | 773.15(c)(5) | DATE: | BY: | Yes: | No: | N/A: | | |
| GEO | | DATE: | BY: | Yes: | No: | N/A: | | |
| REOU | IREMENT: Has the | · · | 1 | L | 1 | 1 | | |
| | nted coal mining on th | | | | | | | |
| | proposed operation b | | | | | | | |
| | outside the permit ar | | ovent materi | ar darriagi | | nydrologie | | |
| Darance | outside the permit ar | ca: | | | | | | |
| FINDI | VC· | | | | | | | |
| TINDI | | | | | | | | |
| ENIC | 772 15()(6) | DATE | DW | 3.7 | N.T. | NT/A | | |
| ENG | 773.15(c)(6) | DATE: | BY: | Yes: | No: | N/A: | | |
| _ | IREMENT : Has the | | | _ | | | | |
| 1 2 | with 701.11(d) and 7 | , 1.1 | licable perfo | rmance s | tandards | s of the | | |
| initial r | egulatory program or | Subchapter VK? | | | | | | |
| | | | | | | | | |
| SEE SI | ECTION: | | | | | | | |
| <u> </u> | | | | | | | | |
| RI | 773.15(c)(7) | DATE: | BY: | Yes: | No: | N/A: | | |
| | IREMENT: Has the | 1 | | 1 | 1 | | | |
| _ | | | 1 | I | J | | | |
| from previous and existing operations? | | | | | | | | |

| SEE SI | ECTION: | | | | | |
|-----------|--------------------------|----------------------|----------------|------------|------------|------------|
| | | | | | | |
| RI | 773.15(c)(8) | DATE: | BY: | Yes: | No: | N/A: |
| | IREMENT: Has the | <u> </u> | l | | | |
| 785? | TREMENT THUS THE | applicant satisfied | ше аррпеав | ic require | | 1 I dit |
| 700. | | | | | | |
| SEE SI | ECTION: | | | | | |
| | | | | | | |
| EGO | 772 15()(0) | D.A.TE | DV | * 7 | . | NT/A |
| ECO | 773.15(c)(9) | DATE: | BY: | Yes: | No: | N/A: |
| _ | IREMENT: Where a | * * | * * | | | |
| * * | al of a long-term, inte | | ostmining la | and use, i | n accord | lance with |
| the requ | airements of 816.1110 | (d) or 817.111(d)? | | | | |
| GEE GE | CONTON | | | | | |
| SEE SI | ECTION: | | | | | |
| | | | | | | |
| ECO | 773.15(c)(10) | DATE: | BY: | Yes: | No: | N/A: |
| | IREMENT: Will the | <u> </u> | | l | 1 | |
| | ned species or result is | | | | | |
| 1 | as determined under | | | | 01 111011 | onition |
| 11001000, | | one anoungered ap | 00108 1 100 01 | 17,0. | | |
| SEE SI | ECTION: | | | | | |
| | | | | | | |
| ECO | 773.15(c)(11) | DATE: | BY: | Yes: | No: | N/A: |
| | IREMENT: Will any | 1 | | | | |
| | e any effect the propo | | | | | |
| _ | for listing on the Nat | 1 0 | | | | |
| | | | | | | |
| SEE SI | ECTION: | | | | | |
| | | | | | | |
| | | I = 4 === | | | | |
| ECO | 773.15(c)(12) | DATE: | BY: | Yes: | No: | N/A: |
| _ | IREMENT: For a pr | | | | | |
| | in accordance with the | | | 817.106 | , is the s | ite of the |
| operation | on a previously mined | d area as defined in | 700.5? | | | |
| ODE C | ECTION | | | | | |
| SEE SI | ECTION: | | | | | |
| | | | | | | |
| RI | 773.15(c)(13) | DATE: | BY: | Yes: | No: | N/A: |

| AVS | DATE: | BY: | Yes: | No: | N/A: |
|-----|-------|-----|-------|--------|------|
| | | | 1 00. | 1 10 1 | - 1/ |

REQUIREMENT: Has the applicant or the permittee specified in the application, owned or controlled a surface mining and reclamation operation for which the permit has been revoked and/or the bond forfeited pursuant to the Code of Virginia or any Federal law, rule or regulation, or any law, rule or regulation enacted pursuant to Federal or State law pertaining to air or water environment protection and surface coal mining activities in any other state unless reinstated?

SEE SECTION:

| ENG | 773.15(c)(14) | DATE: | BY: | Yes: | No: | N/A: |
|-----|---------------|-------|-----|------|-----|------|
| ECO | | DATE: | BY: | Yes: | No: | N/A: |
| WPS | | DATE: | BY: | Yes: | No: | N/A: |

REQUIREMENT: For proposed mining pursuant to 785.25, does the application contain a demonstration that the proposed lands are eligible for remining, an identification of the potential environmental and safety problems related to prior mining activity which could reasonably be anticipated to occur at the site, and mitigation plans to sufficiently address these environmental and safety problems so that reclamation as required by the applicable requirements of this chapter can be accomplished?

SEE SECTION:

| ENG | 773.16(a)(1) | DATE: | BY: | Yes: | No: | N/A: |
|-----|--------------|-------|-----|------|-----|------|
| WPS | | DATE: | BY: | Yes: | No: | N/A: |

REQUIREMENT: Where the applicant proposes to use an existing structure pursuant to the exemption at 701.11(d)(1)(i), will the structure meet the performance standards of the Act and Subchapter VK; and will no significant harm to the environment or public health or safety result from use of the structure?

FINDING:

| ENG | 773.16(a)(2)(i) | DATE: | BY: | Yes: | No: | N/A: |
|-----|-----------------|-------|-----|------|-----|------|
| WPS | | DATE: | BY: | Yes: | No: | N/A: |

REQUIREMENT: Where the applicant proposes to use an existing structure pursuant to the exemption at 701.11(d)(1)(ii), will the structure meet the performance standards of the Act and the initial regulatory program; will no significant harm result to the environment or the public health or safety from the use of the structure; and are the performance standards of the initial regulatory program at least as stringent as the performance standards of Subchapter VK?

FINDING:

| ENG 7 | 773.16(a)(2)(ii) | DATE: | BY: | Yes: | No: | N/A: | |
|-------|------------------|-------|-----|------|-----|------|--|
|-------|------------------|-------|-----|------|-----|------|--|

| WPS | | DATE: | BY: | Yes: | No: | N/A: | | | |
|--|--|---------------------------------------|-----------------|-------------|-----------|--------------------------|--|--|--|
| REQU | IREMENT: Where the | ne existing structur | e meets the | criteria of | f 701.11 | (d)(1)(ii), | | | |
| will the | will the proposed modifications or reconstruction of the structure bring the structure | | | | | | | | |
| into compliance with the design and performance standards of Subchapter VK; will the | | | | | | | | | |
| risk to the environment or to the public health or safety be significant during the period | | | | | | | | | |
| of modification or reconstruction; and will the applicant monitor the structure to | | | | | | | | | |
| | determine compliance with the performance standards of Subchapter VK? | | | | | | | | |
| | | r | | | | | | | |
| FINDI | NG: | | | | | | | | |
| | | | | | | | | | |
| ENG | 773.16(c)(1)(v)(C) | DATE: | BY: | Yes: | No: | N/A: | | | |
| WPS | | DATE: | BY: | Yes: | No: | N/A: | | | |
| REOU | IREMENT: For the p | proposed use of exi | sting structu | res that a | re withi | n 100 ft of | | | |
| _ | nial or an intermittent | * | _ | | | | | | |
| | requirements of 773.1 | | igiilai strouii | | 001000 | iou unu | | | |
| are the | requirements of 775.1 | o(e)(3) sutisfied. | | | | | | | |
| FINDI | NG: | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| WPS | 780.21(g)(2) | DATE: | BY: | Yes: | No: | N/A: | | | |
| or | 784.14(f)(2) | | | | | | | | |
| GEO | , | | | | | | | | |
| REQUI | IREMENT: For this | permit revision, wi | ll a new or u | pdated C | HIA be | required? | | | |
| EINIDI | ATC! | | | | | | | | |
| FINDI | NG: | | | | | | | | |
| | | | | | | | | | |
| GEO | 780.22(d) | DATE: | BY: | Yes: | No: | N/A: | | | |
| GEO | ` ′ | DATE. | ы. | 168. | INO. | 1 N /A. | | | |
| | 784.22(d) | | | | | | | | |
| REQU | IREMENT: Can the | requirements of Pa | aragraph (b) | (2) of this | s section | be | | | |
| waived | since the collection ar | nd analysis of such | data is unne | ecessary 1 | oecause | other | | | |
| equivale | ent information is ava | ilable to the division | on in another | r satisfact | ory forn | 1? | | | |
| EINIDI | NG. | | | | | | | | |
| FINDI | NG: | | | | | | | | |
| | | | | | | | | | |
| SPA | 785.13(d)(1) | DATE: | BY: | Yes: | No: | N/A: | | | |
| | 765.15(d)(1) | DATE: | | | | | | | |
| ECO | | · · · · · · · · · · · · · · · · · · · | BY: | Yes: | No: | N/A: | | | |
| | IREMENT: Does the | | | | | | | | |
| | and reclamation techr | | | | | , | | | |
| commercial, residential, or public use (including recreational facilities) on an | | | | | | | | | |
| experin | nental basis? | | | | | | | | |
| FINDI | NG: | | | | | | | | |
| | | | | | | | | | |
| SPA | 785.13(d)(2) | DATE: | BY: | Yes: | No: | N/A: | | | |
| DI A | 103.13(u)(2) | DAIL. | ы. | 168. | INU. | 1 N / / 1. | | | |

| ECO | | DATE: | BY: | Yes: | No: | N/A: |
|----------|--|-----------------------|----------------|--------------|-----------|-------------|
| REQU | REMENT: Is the ex | perimental practice | potentially | more, or | at least | as, |
| environ | mentally protective, d | luring and after min | ning operation | ons, as w | ould oth | erwise be |
| required | l by standards promul | gated under Subch | apter VK? | | | |
| FINDI | NG: | | | | | |
| | 101 | | | | | |
| SPA | 785.13(d)(3) | DATE: | BY: | Yes: | No: | N/A: |
| ECO | , 55.15 (5)(5) | DATE: | BY: | Yes: | No: | N/A: |
| | REMENT: Is the mi | ning operations ap | proved for a | particula | ır land-u | se or other |
| _ | not larger or more nu | 0 1 | | | | |
| | ic feasibility of the ex | | | | | |
| FINDI | NG: | | | | | |
| | | | | | | |
| SPA | 785.13(d)(4) | DATE: | BY: | Yes: | No: | N/A: |
| ENG | 703.13(d)(1) | DATE: | BY: | Yes: | No: | N/A: |
| | REMENT: Will the | | | | | |
| _ | d public health and sa | 1 1 1 | | | | |
| | oter VK? | iety selow that pro | viaca oy sta | iraaras pi | omarga | |
| FINDI | | | | | | |
| FINDI | W. | | | | | |
| ECO | 705 14(a)(1) | DATE. | DV. | Vasi | No. | NT/A. |
| ECO | 785.14(c)(1) | DATE: | BY: | Yes: | No: | N/A: |
| | IREMENT: For mound on the lands that will | | | | | |
| | al, commercial, agric | | | | _ | ontour, be |
| | onal facilities)? | unturai, residentiai, | or public la | cility (life | Juding | |
| FINDI | | | | | | |
| | 101 | | | | | |
| ECO | 785.14(c)(1)(i) | DATE: | BY: | Yes: | No: | N/A: |
| REQU | IREMENT: For land | s disturbed for mor | ıntaintop rei | noval mi | ning, wh | ere the |
| _ | ll not be returned to th | | | | 0, | |
| | stitute an equal or bet | | | | | |
| with the | pre-mining use? | | | | | |
| FINDI | NG: | | | | | |
| | | | | | | |
| ECO | 785.14(c)(1)(ii) | DATE: | BY: | Yes: | No: | N/A: |
| REQU | REMENT: For land | s disturbed for mou | ıntaintop rei | noval mi | ning, wh | ere the |
| land wi | ll not be returned to the | ne approximate orig | ginal contou | r, has the | applicar | nt |
| demons | trated compliance wit | th the requirements | for acceptal | ble altern | ative po | stmining |
| land use | es of Paragraphs (a) th | nrough (c) of 816.1 | 33? | | | |
| CEE CI | ECTION: | | | | | |

| ECO | 785.14(c)(1)(iii)(A | DATE: | BY: | Yes: | No: | N/A: |
|-----|---------------------|-------|-----|------|-----|------|
| | 785.14(c)(1)(iii)(B | DATE: | BY: | Yes: | No: | N/A: |
| | 785.14(c)(1)(iii)(C | DATE: | BY: | Yes: | No: | N/A: |
| | 785.14(c)(1)(iii)(D | DATE: | BY: | Yes: | No: | N/A: |
| | 785.14(c)(1)(iii)(E | DATE: | BY: | Yes: | No: | N/A: |
| | 785.14(c)(1)(iii)(F | DATE: | BY: | Yes: | No: | N/A: |
| | 785.14(c)(1)(iii)(G | DATE: | BY: | Yes: | No: | N/A: |

REQUIREMENT: For lands disturbed for mountaintop removal mining, where the land will not be returned to the approximate original contour, has the applicant presented specific plans for the proposed postmining land use and appropriate assurances that such use will be: (A) compatible with adjacent land uses; (B) obtainable according to data regarding expected need and market; (C) assured of investment in necessary public facilities; (D) supported by commitments from public agencies where appropriate; (E) practical with respect to private financial capability for completion of the proposed use; (F) planned pursuant to a schedule attached to the reclamation plan so as to integrate the mining operation and reclamation with the postmining land use; and (G) designed by a registered professional engineer in conformation with professional standards established to assure the stability, drainage, and configuration necessary for the intended use of the site?

SEE SECTION:

| ECO | 785.14(c)(1)(iv) | DATE: | BY: | Yes: | No: | N/A: | | | |
|---|------------------|-------|-----|------|-----|------|--|--|--|
| REQUIREMENT: For lands disturbed for mountaintop removal mining, where the land will not be returned to the approximate original contour, will the proposed use be | | | | | | | | | |
| compatible with adjacent land uses and existing State and local land use plans and programs? | | | | | | | | | |
| SEE SECTION: | | | | | | | | | |

REQUIREMENT: For lands disturbed for mountaintop removal mining, where the land will not be returned to the approximate original contour, has the division provided in writing, an opportunity of not more than 60 days to review and comment on such proposed use to the governing body of general purpose government in whose jurisdiction the land is located and any State or Federal agency which the division in its discretion, determined to have an interest in the proposed use?

SEE SECTION:

| ECO | 785.14(c)(2) | DATE: | BY: | Yes: | No: | N/A: | | |
|--|---|--|--|--|--|-----------------------------------|--|--|
| WPS | | DATE: | BY: | Yes: | No: | N/A: | | |
| ENG | | DATE: | BY: | Yes: | No: | N/A: | | |
| REQUIREMENT: For lands disturbed for mountaintop removal mining, where the | | | | | | | | |
| land w | ill not be returned to | the approximate or | iginal contou | r, has the | applica | ınt | | |
| demon | strated that in place o | f returning the land | d to approxin | nate origin | nal cont | our under | | |
| section | s 816.102, 816.104, 8 | 316.105, and 816.1 | 07, the opera | tions will | be con | ducted in | | |
| | ance with the require | ments of Part 824? | | | | | | |
| SEE S | ECTION: | | | | | | | |
| | | | | | | | | |
| RI | 785.14(c)(3) | DATE: | BY: | 3.7 | N.T | 3.T / A | | |
| REQUIREMENT: For lands disturbed for mountaintop removal mining, where the | | | | | | | | |
| REQU | \ / \ / | | 1 | Yes: moval mi | No: | N/A: here the | | |
| | \ / \ / | ds disturbed for mo | ountaintop re | moval mi | ning, w | here the | | |
| land w | IREMENT: For land | ds disturbed for mo | ountaintop resiginal contou | moval mi | ning, w | here the | | |
| land ware Part 82 | IREMENT: For land ill not be returned to | ds disturbed for mo | ountaintop resiginal contou | moval mi | ning, w | here the | | |
| land wa Part 82 | IREMENT: For land ill not be returned to a 4 been made a specif | ds disturbed for mo | ountaintop resiginal contou | moval mi | ning, w | here the | | |
| land ware Rart 82 | IREMENT: For land ill not be returned to a 4 been made a specif | ds disturbed for mo | ountaintop resiginal contou | moval mi | ning, w | here the | | |
| land ware RI | IREMENT: For land all not be returned to a 4 been made a specific ECTION: | ds disturbed for mothe approximate or ic condition of the DATE: | puntaintop reiginal contou permit? | moval mi r, have th | ning, where required in the requirement of the requ | here the rements of N/A: | | |
| Part 82 SEE S RI REQU | IREMENT: For land all not be returned to a 4 been made a specific ECTION: 785.14(c)(4) | ds disturbed for mothe approximate or ic condition of the DATE: | puntaintop reiginal contou permit? BY: puntaintop reiginal contou | moval mi r, have th Yes: moval mi | ning, which requires the requirement of the require | here the rements of N/A: here the | | |
| Part 82 SEE S RI REQU | IREMENT: For land all not be returned to a 4 been made a specific ECTION: 785.14(c)(4) IREMENT: For land | ds disturbed for mothe approximate or ic condition of the DATE: ds disturbed for mothe approximate or the approximate or | buntaintop resiginal contour permit? BY: By: buntaintop resiginal contour | yes: moval mi | No: ning, w | N/A: here the | | |
| RI REQUIANT WITH THE PROPERTY OF THE PROPERTY | IREMENT: For land all not be returned to a 4 been made a specific ECTION: 785.14(c)(4) IREMENT: For land all not be returned to a ments of the Act, this | ds disturbed for mothe approximate or ic condition of the DATE: ds disturbed for mothe approximate or the approximate or | buntaintop resiginal contour permit? BY: By: buntaintop resiginal contour | yes: moval mi | No: ning, w | N/A: here the | | |
| land with Part 82 SEE | IREMENT: For land all not be returned to a 4 been made a specific ECTION: 785.14(c)(4) IREMENT: For land all not be returned to a ments of the Act, this ons? | ds disturbed for mothe approximate or ic condition of the DATE: ds disturbed for mothe approximate or the approximate or | buntaintop resiginal contour permit? BY: By: buntaintop resiginal contour | yes: moval mi | No: ning, w | N/A: here the | | |
| RI REQU land wirequire | IREMENT: For land all not be returned to a 4 been made a specific ECTION: 785.14(c)(4) IREMENT: For land all not be returned to a ments of the Act, this ons? | ds disturbed for mothe approximate or ic condition of the DATE: ds disturbed for mothe approximate or the approximate or | buntaintop resiginal contour permit? BY: By: buntaintop resiginal contour | yes: moval mi | No: ning, w | N/A: here the | | |
| RI REQU land wirequire | IREMENT: For land all not be returned to a 4 been made a specific ECTION: 785.14(c)(4) IREMENT: For land all not be returned to a ments of the Act, this ons? | ds disturbed for mothe approximate or ic condition of the DATE: ds disturbed for mothe approximate or the approximate or | buntaintop resiginal contour permit? BY: By: buntaintop resiginal contour | yes: moval mi | No: ning, w | N/A: here the | | |

| RI | 785.14(c)(5) | DATE: | BY: | Yes: | No: | N/A: | |
|--|--------------|-------|-----|------|-----|------|--|
| REQUIREMENT: For lands disturbed for mountaintop removal mining, where the | | | | | | | |
| land will not be returned to the approximate original contour, is the permit clearly | | | | | | | |
| identified as being for mountaintop removal mining? | | | | | | | |
| SEE SECTION: | | | | | | | |

| ENG | 785.15(c) | DATE: | BY: | Yes: | No: | N/A: | | |
|---|---|-------|-----|------|-----|------|--|--|
| REQUIREMENT: For steep slope surface coal mining operation, in addition to | | | | | | | | |
| meeting | meeting all other requirements of this Subchapter, will the operation be conducted in | | | | | | | |
| accordance with the requirements of 816.107? | | | | | | | | |
| SEE SECTION: | | | | | | | | |

| ENG | 785.16(a)(1) | DATE: | BY: | Yes: | No: | N/A: |
|-----|--------------|-------|-----|------|-----|------|
| ECO | | DATE: | BY: | Yes: | No: | N/A: |

REQUIREMENT: For non-mountaintop removal steep slope mining operations that propose a variance from AOC, has the applicant demonstrated that after reclamation the land affected by the variance will be suitable for an industrial, commercial, residential, or public postmining land use (including recreational facilities)?

| FINDING: | | |
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| | | |

| ECO | 785.16(a)(2) | DATE: | BY· | Yes: | No: | N/A: |
|-----|--------------|--------|-------|------|------|-----------|
| LCC | 103.10(a)(2) | DITIE. | D 1 . | 105. | 110. | 1 1/ 1 1. |

REQUIREMENT: For non-mountaintop removal steep slope mining operations that propose a variance from AOC, has the applicant demonstrated that the requirements of 816.133 or 817.133 will be met?

SEE SECTION:

| ENG | 785.16(a)(3)(i) | DATE: | BY: | Yes: | No: | N/A: |
|-----|-------------------|-------|-----|------|-----|------|
| WPS | | DATE: | BY: | Yes: | No: | N/A: |
| WPS | 785.16(a)(3)(ii) | DATE: | BY: | Yes: | No: | N/A: |
| WPS | 785.16(a)(3)(iii) | DATE: | BY: | Yes: | No: | N/A: |

REQUIREMENT: For non-mountaintop removal steep slope mining operations that propose a variance from AOC, has the applicant demonstrated that the watershed of lands within the proposed permit and adjacent area will be improved by the operations when compared with the conditions of the watershed before mining or with its condition if the AOC were to be restored by showing that: (i) the amount of total suspended solids or other pollutants discharged to ground or surface water from the permit will be reduced, so as to improve the public or private uses or the ecology of such water, or flood hazards within the watershed containing the permit area will be reduced by reduction of the peak flow discharge from precipitation events or thaws; (ii) the total volume of flow from the proposed permit area, during every season of the year, will not vary in a way that adversely affects the ecology of any surface water or any existing or planned use of surface or ground water; and (iii) the appropriate State environmental agencies have approved the plan?

FINDING:

| ECO | 785.16(a)(4) | DATE: | BY: | Yes: | No: | N/A: |
|-----|--------------|-------|-----|------|-----|------|

REQUIREMENT: For non-mountaintop removal steep slope mining operations that propose a variance from AOC, has the applicant demonstrated that the owner of the surface of the lands within the permit area knowingly requested, in writing, as part of the application, that a variance be granted?

SEE SECTION:

| ECO | 785.17(e)(1) | DATE: | BY: | Yes: | No: | N/A: |
|-----|--------------|-------|-----|------|-----|------|
| | 785.17(e)(2) | DATE: | BY: | Yes: | No: | N/A: |
| | 785.17(e)(3) | DATE: | BY: | Yes: | No: | N/A: |
| | 785.17(e)(4) | DATE: | BY: | Yes: | No: | N/A: |
| | 785.17(e)(5) | DATE: | BY: | Yes: | No: | N/A: |

REQUIREMENT: For the proposed mining and reclamation of prime farmland:

- (1) will the approved proposed postmining land use of these prime farmlands be cropland;
- (2) does the permit incorporate, as specific conditions, the contents of the plan submitted under Paragraph (c) of this section, after consideration of any revisions to that plan suggested by the State Conservationist under Paragraph (d) (4) of this section;
- (3) does the applicant have the technological capability to restore the prime farmland, within a reasonable time, to equivalent or higher levels of yield as non-mined prime farmland in the surrounding area under equivalent levels of management;
- (4) will the proposed operations be conducted in compliance with the requirements of Part 823 and other environmental protection performance and reclamation standards for mining and reclamation of prime farmland of the regulatory program; and will the aggregate total prime farmland acreage be decreased from that which existed prior to mining?

FINDING:

| ENG | 785.18(c)(1) | DATE: | BY: | Yes: | No: | N/A: |
|-----|--------------|-------|-----|------|-----|------|
| | 785.18(c)(2) | DATE: | BY: | Yes: | No: | N/A: |
| | 785.18(c)(3) | DATE: | BY: | Yes: | No: | N/A: |
| | 785.18(c)(4) | DATE: | BY: | Yes: | No: | N/A: |
| WPS | 785.18(c)(5) | DATE: | BY: | Yes: | No: | N/A: |
| ENG | 785.18(c)(6) | DATE: | BY: | Yes: | No: | N/A: |
| | 785.18(c)(7) | DATE: | BY: | Yes: | No: | N/A: |
| RI | 785.18(c)(8) | DATE: | BY: | Yes: | No: | N/A: |
| ENG | 785.18(c)(9) | DATE: | BY: | Yes: | No: | N/A: |

REQUIREMENT: For a proposed combined surface and underground mining operation incorporating a variance under this section for a delay in contemporaneous reclamation:

- (1) has the applicant presented, as part of the permit application, specific, feasible plans for the proposed underground mining activities;
- (2) are the proposed underground mining activities necessary or desirable to assure maximum practical recovery of the mineral resource and to avoid multiple future disturbances of surface land or waters;
- (3) has the applicant satisfactorily demonstrated that the applications for the surface mining activities and underground mining activities conform to the requirements of the regulatory program and have all other permits necessary for the underground mining activities been issued by the appropriate authority;
- (4) has the surface area of surface mining activities proposed for the variance been

shown by the applicant to be necessary for implementing the proposed underground mining activities;

- (5) will substantial adverse environmental damage, either onsite or offsite, result from the delay in completion of reclamation otherwise required by Section 515(b) (16) of the Federal Act, Part 816, and the regulatory program;
- (6) will the operations, insofar as a variance is authorized, be conducted in compliance with the requirements of 816.79 and the regulatory program;
- (7) will provisions for offsite storage of spoil comply with the requirements of Section 515(b) (22) of the Federal Act, 816.71 through 816.75, and the regulatory program;
- (8) will liability under the performance bond required to be filed by the applicant with the division pursuant to Subchapter VJ be for the duration of the underground mining activities and until all requirements of Subchapter VJ have been complied with; and
- (9) does the permit for the surface mining activities contains specific conditions which;
- (i) Delineate the particular surface areas for which a variance is authorized;
- (ii) Identify the applicable provisions of Section 515(b) of the Federal Act, Part 816, and the regulatory program; and
- (iii) Provide a detailed schedule for compliance with the provisions of this section?

FINDING:

| ENG | 785.20(c) | DATE: | BY: | Yes: | No: | N/A: |
|-----|-----------|-------|-----|------|-----|------|
| GEO | | DATE: | BY: | Yes: | No: | N/A: |
| WPS | | DATE: | BY: | Yes: | No: | N/A: |

REQUIREMENT: For auguring operations, in addition to meeting all other applicable requirements of this Subchapter, will the auguring operation be conducted in compliance with Part 819?

FINDING:

| ENG | 785.21(c) | DATE: | BY: | Yes: | No: | N/A: |
|-----|-----------|-------|-----|------|-----|------|
| GEO | | DATE: | BY: | Yes: | No: | N/A: |
| WPS | | DATE: | BY: | Yes: | No: | N/A: |

REQUIREMENT: For proposed coal preparation plants not located within the permit area of a mine, in addition to meeting all other applicable requirements of this Subchapter, will the operations be conducted in compliance with the requirements of Part 827?

FINDING:

| ENG | 785.22(c) | DATE: | BY: | Yes: | No: | N/A: | |
|--|-----------|-------|-----|------|-----|------|--|
| REQUIREMENT: For proposed in situ processing activities, will the operation be conducted in compliance with all requirements of this Subchapter relating to | | | | | | | |
| underground mining activities, and Parts 817 and 828? | | | | | | | |
| FINDING: | | | | | | | |

GEO 817.15 DATE: BY: Yes: No: N/A: **REQUIREMENT:** When a shaft, drift, audit, tunnel, exploratory hole, entranceway or other opening to the surface from underground, remains for a use approved by the Division, will there be adverse environmental or health or safety effects? **FINDING:**

| ECO | 816/817.57(a) | DATE: | BY: | Yes: | No: | N/A: |
|-----|---------------|-------|-----|------|-----|------|
| WPS | | DATE: | BY: | Yes: | No: | N/A: |
| ENG | | DATE: | BY: | Yes: | No: | N/A: |

REQUIREMENT: For land proposed to be disturbed within 100 feet of a perennial stream or an intermittent stream by surface mining activities, will the surface mining activities; cause or contribute to the violation of applicable State or Federal water quality standards, adversely affect the water quantity and quality, or adversely affect other environmental resources of the stream; and when there will be a temporary or permanent stream-channel diversion, will the requirements of 816/817.43 be met?

FINDING:

ECO 816/817.97(e)(1) DATE: BY: Yes: No: N/A:

REQUIREMENT: For the protection of fish, wildlife, and related environmental values, is it necessary in this area for the permittee, to the extent possible using the best technology currently available to ensure that electric power lines and other transmission facilities used for, or incidental to, surface mining activities on the permit area are designed and constructed to minimize electrocution hazards to raptors?

SEE SECTION:

ECO 816/817.97(e)(3) DATE: BY: Yes: No: N/A:

REQUIREMENT: For the protection of fish, wildlife, and related environmental values, is it necessary for the permittee, to the extent possible using the best technology currently available to design fences, overland conveyors, and other potential barriers to permit passage for large mammals?

SEE SECTION:

| ENG | 817.102(1)(2) | DATE: | BY: | Yes: | No: | N/A: |
|-----|---------------|-------|-----|------|-----|------|
| GEO | | DATE: | BY: | Yes: | No: | N/A: |
| ECO | | DATE: | BY: | Yes: | No: | N/A: |

REQUIREMENT: For a revision to leave settled and re-vegetated fills, rather than grading to achieve approximate original contour, at the conclusion of underground mining activities, would disturbance of the existing spoil or underground development waste increase environmental harm or adversely affect the health and safety of the public?

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| FINDING: | | |
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ENG 816/817.107(c) DATE: BY: Yes: No: N/A:

REQUIREMENT: For a proposal to disturb land above the highwall during backfilling and grading operations on steep slopes, will the disturbance facilitate compliance with the environmental protection standards of Section 816/817.107 and is the disturbance limited to that necessary to facilitate compliance?

SEE SECTION:

ENG 816/817.107(d) DATE: BY: Yes: No: N/A:

REQUIREMENT: For a proposal to bury woody materials in the backfilled area during backfilling and grading operations on steep slopes, will the proposed method for placing woody material within the backfill deteriorate the stable condition of the backfilled area?

SEE SECTION:

ENG | 816/817.107(e) | DATE: | BY: | Yes: | No: | N/A:

REQUIREMENT: For backfilling and grading on steep slopes, when a safety factor lower or higher than 1.3 is specified, will the backfilled area present any actual or probable hazard to public property, health, safety, and the environment?

SEE SECTION:

ENG 816/817.107(f) DATE: BY: Yes: No: N/A:

REQUIREMENT: When a drainage channel or road is approved under 4 VAC 25-130-817.133 for the postmining land use and which will be located in the uppermost portions of the backfilled area, will the highwall be completely covered?

SEE SECTION:

| ENG | 817.121(d) | DATE: | BY: | Yes: | No: | N/A: |
|-----|------------|-------|-----|------|-----|------|
| GEO | | DATE: | BY: | Yes: | No: | N/A: |
| WPS | | DATE: | BY: | Yes: | No: | N/A: |

REQUIREMENT: For proposed underground mining activities beneath or adjacent to: (1) public buildings and facilities; (2) churches, schools, and hospitals; or (3) impoundments with a storage capacity of 20 acre-feet or more or bodies of water with a volume of 20 acre-feet or more, is it necessary to limit the percentage of coal extracted under or adjacent thereto in order to minimize the potential for material damage to the features or facilities described above or to any aquifer or body of water that serves as a significant water source for any public water supply?

| FINDING: | | |
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| ENG | 819.15(c) | DATE: | BY: | Yes: | No: | N/A: |
|-----|-----------|-------|-----|------|-----|------|
| GEO | | DATE: | BY: | Yes: | No: | N/A: |
| WPS | | DATE: | BY: | Yes: | No: | N/A: |

REQUIREMENT: For the proposed auger holes that will not be sealed with an impervious material to prevent drainage, may the resulting impoundment of water create a hazard to the environment or public health and safety; or will the drainage from the auger holes pose a threat of pollution to surface water; or will the drainage comply with the requirements of 816.41 and 816.42?

FINDING: